

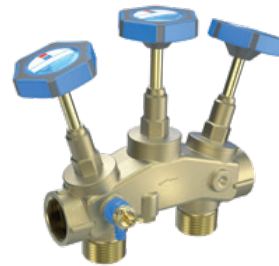
KIT EASY CONNECT

All-in-one connection systems

WHAT ?

This Easy Connect valve is an all-in-one connection system to simplify the hydraulic installation of softeners for industrial, commercial and domestic applications. The nominal operating pressure is PN10 bar and the maximum water temperature is 90 ° C.

- To simplify installation
- To simplify interventions
- To execute tests next to your water treatment equipment



WORKING PRINCIPLE

When the shutoff valves are open, untreated water flows into the Easy Connect through the inlet and is directed to the softener line. After passing through the softener, the treated water exits via the outlet and continues through the service water pipe when the corresponding shut-off valve is open. The bypass valve, located in the centre, remains closed during this process.

The Mixing

The Easy Connect block is used with an incorporated mixing needle, this needle is used to mix raw water with treated water to the desired hardness for a constant flow. The system must first be put into normal flow operating conditions. The bypass function of the Easy Connect must remain closed when the system is in service.

Optional proportional mixing with differential pressure (on 1.5 " model)

During an increase in the water demand, a loss of pressure at the outlet of the softening system increases, generating a pressure difference which acts on the proportional system. The stiffness of the spring allows the piston to close or open depending on this pressure differential. A bigger or lower amount of untreated water will mix with fresh water (depending on the selected setting). The set screw is turned counterclockwise to limit the raw water mixture. After finding the correct adjustment, the adjusting screw must be fixed with the locknut.

ADVANTAGES

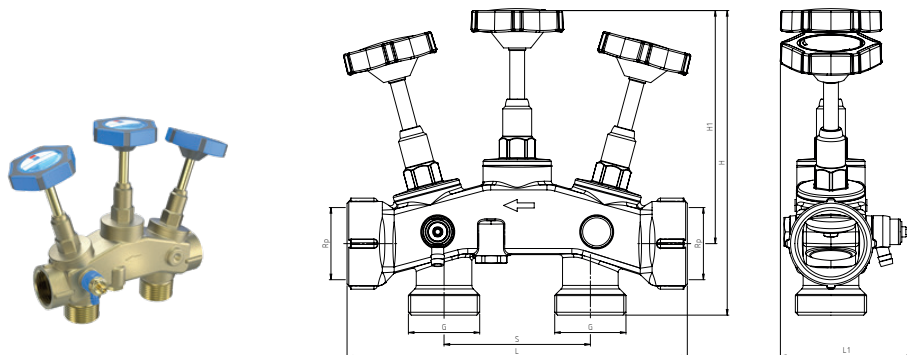
Automatic bypass mixing set DN25 - 32 - 40 - 50

- Compact all-in-one system
- Easy installation
- Short installation time
- Reduced connected, reducing the chance of leaks
- Mixing valve via a needle
- Differential pressure compensation valve (on DN40)

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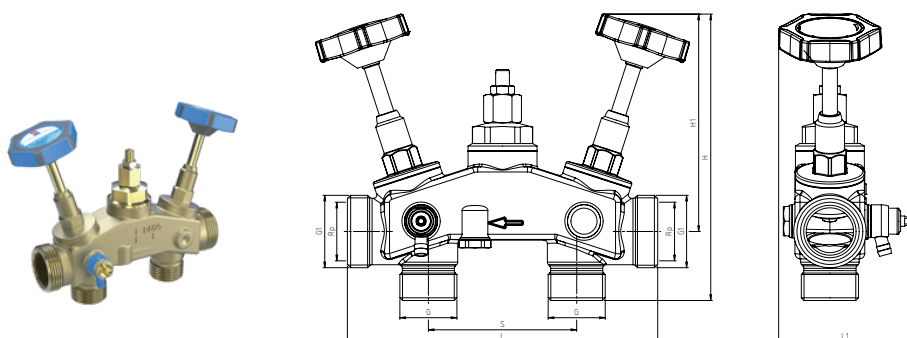
BY-PASS FEATURES WITH FIXED MIXING



References	Dia. IN/OUT		Dimensions			
	Rp	G Iso 228	L	S	H	H1
	Inch	Inch	mm	mm	max.	max.
3913000096	1	1	166	86	176	136
3913000112	1,25	1,25	200	86	176	136
3913000017	1,5	1,5	216	86	176	136
3913000018*	2	2	256	110	230	175

* the 2" model is equipped with two sample sockets

BY-PASS FEATURES WITH PROPORTIONAL MIXING



References	Dia. IN/OUT		Dimensions			
	Rp	G Iso 228	L	S	H	H1
	Inch	Inch	mm	mm	max.	max.
3913000015	1,5	1,5	216	86	167	127